

---

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:	)	
Ralf Schmeling	)	Group Art Unit 3671
	)	Confirmation No. 1610
Serial No. 10/561,755	)	
	)	Examiner: Ernesto Garcia
Filed: 12/21/2005	)	571-273-7083
	)	
For:	)	Attorney Docket: 18213
BEARING BETWEEN COMPONENTS ON	)	
CONSTRUCTION MACHINE	)	

---

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

November 9, 2009

**Proposed Claim Amendments**

6. (currently amended) A construction machine comprising:
- a first boom component, having a first end rotatably mounted by a pivotal connection to a frame of the machine;
  - a second boom component, articulated to the second end of the first boom component by a bearing;
  - the bearing having a bearing tube having an internal and external diameter; a pin extending in the direction of a swiveling axis of the bearing and borne in the bearing tube, wherein the pin has outer ends protruding from the ends of the bearing tube; a third component borne on at least one outer end of the pin,
  - the external diameter of the bearing tube is greater than the external diameter of the pin; and

the first component and the second component are both borne alongside each other on the external diameter of the bearing tube, the third component configured for selectively transmitting ~~transmits~~ a force to the pin for rotating the first boom component with respect to the pivotal connection of the and displacing the bearing in both vertical and horizontal directions with respect to the pivotal connection, the displacement of the bearing rotating the second boom component with respect to the bearing and the third boom component is rotatable with respect to the pin and the first and second boom components.

(claim amendment looks at supplying a force for moving the bearing and booms to the pin, which has a smaller diameter and extends through the larger bearing tube. The bearing tube receives the larger forces from the boom components. The advantages of this configuration are outlined in the summary.)

9 (currently amended) The construction machine of claim 6 wherein, the second boom component is inserted over the first boom component such that the first boom component supports the second boom component, the second boom component have a pivotal connection with a second cylinder for rotating the second boom component about the bearing.

Regards, -



Patrick M. Sheldrake  
Attorney for Applicant(s)  
Reg. No. 60,411  
Date: November 9, 2009

(717) 355-4954 Phone  
(717) 355-3107 Fax